



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/698,886	10/31/2003	David Vinson	200312028-1	3631

22879 7590 09/05/2006

HEWLETT PACKARD COMPANY
P O BOX 272400, 3404 E. HARMONY ROAD
INTELLECTUAL PROPERTY ADMINISTRATION
FORT COLLINS, CO 80527-2400

EXAMINER

NGUYEN, SIMON

ART UNIT	PAPER NUMBER
----------	--------------

2618

DATE MAILED: 09/05/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/698,886

Applicant(s)

VINSON ET AL.

Examiner

SIMON D. NGUYEN

Art Unit

2618

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 June 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-32 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-32 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 31 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-4, 6-28, 30-31 are rejected under 35 U.S.C. 103(a) as being unpatentable over Friel et al. (6003/0158614) in view of Hecht et al. (2003/0113100).

Regarding claim 1, Friel discloses an audio system in a vehicle (abstract, figs. 1,4-5), comprising: a storage device (107) for storing digital content (abstract, paragraph 73); and a controller (104) coupled to the storage device, wherein the controller receive content from a wired (cable) home network (45 of fig.1, 7, paragraph 73) and to receive broadcast signals containing encoded broadcast content (from cell towers 41, 42 of fig.1, paragraphs 40-41), storing broadcast content by a user via a user interface (paragraphs 40-41, 57-66) and operable in response to a user selection to play a user's desired content (paragraphs 57-70, 73). However, Friel does not specifically disclose the content included video and photographic.

Hecht, in the same field of invention, discloses an multimedia player used in a vehicle (264 of fig.2) receiving video and photographic (paragraphs 42, 47, 48, figs.4A-B, 7B-C). Therefore, it would have been obvious to one skilled in the art at the time the

invention was made to have Friel, modified by Hecht to be able to receive video and photographic content which will improve the system performance.

Regarding claim 10, Friel discloses a digital media player (abstract, figs. 4-5), comprising: a processor 104, a mass storage 107; a broadcast receiver (103); a control panel (figs.2-3, paragraph 60); a wireless communication module (142,132 of fig.5).

Regarding claim 17, this claim is rejected for the same reason as set forth in claim 1, wherein Friel further discloses a home network wirelessly connect to the audio system in a vehicle by a wireless LAN 44, wherein the home network receive and store content from a computer network (fig. 1, paragraphs 66-71).

Regarding claim 25, this claim is rejected for the same reason as set forth in claim 1, wherein Friel further discloses the player installed in a vehicle (abstract).

Regarding claims 3, 13, Friel further discloses wherein the storage is a hard disk (paragraph 66).

Regarding claims 4, 28, 31, Friel further disclose content comprises audio, textual content (paragraph 46). It should be noted that a textual content does not need an associated audio content is known to those skilled in the art.

Regarding claims 6, 11, 24, 26, Friel further discloses AM/FM signals (112 of fig.5, paragraph 66).

Regarding claims 7-8, 21-22, 27, Friel further discloses in order to receive a content downloading from a home network when the audio system in the vehicle is proximately the home network (short range connection of fig.1, paragraphs 32, 38, 42,

68) or download at a determined time when the vehicle is proximately the home network (42, 53, 59, 66, 70).

Regarding claims 9, 18-20, Friel further disclose an activation signal by the controller (104) for downloading a desired content (paragraphs 53, 60) and the activation signal responsive to the vehicle being turned on or off (paragraphs 53-55).

Regarding claims 14-16, 30, Friel further discloses a display (paragraph 45) for visual content, a D/A converter (paragraph 48), a speaker for audible sound (paragraphs 35, 48).

Regarding claim 12, Friel discloses a microprocessor (104) for processing digital to analog or versa. However, Friel fails to disclose the microprocessor is a digital signal processor. It should be noted that since the audio system of Friel is a digital audio system, the microprocessor in the Friel's system is considered as a digital signal processor is known to those skilled in the art in order to process an analog signal to a digital signal or vice versa.

3. Claims 5, 29, 32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Friel et al. (6003/0158614) in view of Hecht et al. (2003/0113100), and further in view of Clayton et al. (6,725,022).

Regarding claims 5, 29, 32, the modified Friel fails to selecting stored navigational files to direct the vehicle to a desired location.

Clayton, in the same field of invention, discloses a vehicle having a multimedia player, wherein the player downloading a location information to guide the vehicle to a

desired location (column 11 lines 57-67). Therefore, it would have been known to those skilled in the art at the time the invention was made to have modified Friel, modified by Clayton in order to reduce the travel time, as well to prevent getting lost.

Response to Arguments

4. Applicant's arguments with respect to claims 1, 10, 17, and 25 have been considered but are moot in view of the new ground(s) of rejection.

The new art of record issued to Hecht disclosing a media player equipped in the vehicle is capable to receiving video and photographic features (see the rejection).

Furthermore, the new art issued to Patsiokas et al. (2004/0266336) also discloses a media player used in a vehicle capable to receive video and photographic contents (abstract, figs. 1, paragraphs 14, 17, 48, 84, 176).

Since the limitation "video and photographic" was obviously rejected in the previous Action, and has been challenged by the applicant. The examiner cites arts of Hecht and Patsiokas to support for this obviously-rejected limitation.

Conclusion

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not

Art Unit: 2618

mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Simon Nguyen whose telephone number is (571) 272-7894. The examiner can normally be reached on Monday-Friday from 7:00 AM to 4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward F. Urban, can be reached on (571) 272-7899.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 306-0377.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

600 Dulany, Alexandria, VA 22314

Or faxed to:

(571) 273-8300 (for formal communications intended for entry)

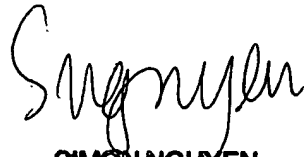
Hand-delivered response should be brought to Customer Service Window located at the Randolph Building, 401 Dulany, Alexandria, VA, 22314.

Application/Control Number: 10/698,886
Art Unit: 2618

Page 7

Simon Nguyen

August 28, 2006

A handwritten signature in black ink, appearing to read 'S. Nguyen', written in a cursive style.

SIMON NGUYEN
PRIMARY EXAMINER